

L68 ANSWER 17 OF 135 CAPLUS COPYRIGHT 1999 ACS
 ACCESSION NUMBER: 1996:721465 CAPLUS
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 TITLE: Manufacture of **colored** cement concrete products
 INVENTOR(S): Yoshimoto, Yoshio; Kimoto, Takayuki; Nakamizu, Takahiro; Nakajima, Yoshinori
 PATENT ASSIGNEE(S): Ube Industries, Japan
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 PATENT INFORMATION:

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AB The colored concrete products are manufd. by alkali treatment of the surface before or after formation of colored coatings contg. metal nitrates, metal chlorides, metal acetates, metal sulfamates, ammonium metal sulfates, and/or their reaction products. Alternatively, the colored concrete products are manufd. by treatment of the surface with

aq. alkali before or after formation of colored coatings, which are manufd.

by impregnating or applying with aq. solns. contg. nitrates, chlorides, acetates, sulfamates, or ammonium sulfates of group IB, VIB, VIIB, and/or VIII metals. The aq. alkali may have pH .gtoreq.8.

TI Manufacture of **colored** cement concrete products

IT 1305-78-8, Calcium oxide, processes **1310-73-2**, Sodium hydroxide, processes 1344-09-8, Water glass 2180-18-9, Manganese acetate 7718-54-9, Nickel chloride, processes **7761-88-8**, Silver nitrate, processes 10402-23-0, Sulfuric acid, ammonium iron salt **10402-29-6**, Copper nitrate 14017-41-5, Cobalt sulfamate 39345-92-1, Chromium chloride

RL: PEP (Physical, engineering or chemical process); PROC (Process)
 (alkali treatment in manuf. of colored concrete product from metal salt)